

IN THE CLAIMS:

Please amend claims 1, 12, 23 and 31 as follows:

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1. (Four times amended) In a packet-switched computer network over which packets from a plurality of packet-based Internet telephony processes are transmitted, the telephony processes having a dynamically assigned protocol address that is dynamically assigned upon connecting to an Internet and is temporary for each instance of connecting to the Internet, a method of selectively alerting a user of an incoming communication over the computer network comprising the steps of:

A. receiving a call packet containing an information profile identifying one of the plurality of telephony processes which is the source of an incoming communication; and

B. responding to the incoming communication by transmitting a responsive packet over the computer network in accordance with the identity of the source;

wherein a central server stores the dynamically assigned protocol addresses to establish an Internet telephony communication between the telephony processes.

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12. (Four times amended) A computer program product for use with a computer system capable of executing an Internet telephony process and communicating with other telephony processes over a packet-switched computer network, the telephony processes having dynamically assigned protocol addresses that are dynamically assigned upon connecting to an Internet and are temporary for each instance of connecting to the Internet, the computer program product comprises a computer useable medium having embodied therein program code comprising:

A. program code for receiving an incoming communication over the computer network, the incoming communication containing a call packet containing an information profile identifying one of the plurality of telephony processes which is the source of the incoming communication; and

B. program code, responsive to the information profile, for selectively notifying a user of the incoming communication by transmitting a responsive packet over the computer network in accordance with the identity of the source;

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wherein a server interacts with the computer system to store the dynamically assigned protocol addresses to establish an Internet telephony communication between the telephony processes.

23. (Four times amended) A computer data signal embodied in a carrier wave comprising:

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A. program code for receiving an incoming communication over a packet-switched computer network over which packets from a plurality of packet-based telephony processes are transmitted, the telephony processes having a dynamically assigned protocol address that is dynamically assigned upon connecting to an Internet and is temporary for each instance of connecting to the Internet, the incoming communication containing a call packet containing an information profile identifying one of the plurality of telephony processes which is the source of the incoming communication; and

B. program code, responsive to the information profile, for selectively notifying a user of the incoming communication by transmitting a responsive packet over the computer network in accordance with the identity of the source;

wherein a server interacts with the computer system to store the dynamically assigned protocol addresses to establish an Internet telephony communication between the telephony processes.

31. (Four times amended) An apparatus for use with a computer system capable of executing a telephony process and communicating with other telephony processes over a packet-switched computer network, the telephony processes having dynamically assigned protocol addresses that are dynamically assigned upon connecting to an Internet and is temporary for each instance of connecting to the Internet, the apparatus comprising:

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A. program logic configured to receive an incoming communication over the computer network, the incoming communication containing a call packet containing an information profile identifying one of the plurality of telephony processes which is the source of the incoming communication; and

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could
B. program logic, responsive to the information profile, and configured to selectively notifying a user of the incoming communication by transmitting a responsive packet over the computer network in accordance with the identity of the source;

wherein a server interacts with the computer system to store the dynamically assigned protocol addresses to establish an Internet telephony communication between the telephony processes.

Please add the following new claims:

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32. (New) A method of enabling a selective response at a called telephone process based on the identity of a caller telephone process communicating over a network implementing dynamic Internet protocol addressing, the method comprising:
providing an e-mail address of the called telephone process to a database server;
receiving a current Internet protocol address of the called telephone process from the database server based on the provided e-mail address; and
sending a call packet directed to the current Internet protocol address of the called telephone process, the call packet including an information profile having information identifying the caller telephone process.

33. (New) A method of enabling a selective response at a called party based on the identity of a caller between telephone processes communicating over a network implementing dynamic Internet protocol addressing, the method comprising:

maintaining a current database of all on-line telephone processes, the database including current Internet protocol addresses of each on-line telephone process and associating the current Internet protocol addresses with an identifier of each telephone process;

receiving a connection request from a calling telephone process to a called telephone process, the connection request including the identifier of the called telephone process;

extracting the identifier from the connection request;